

FIG. 1

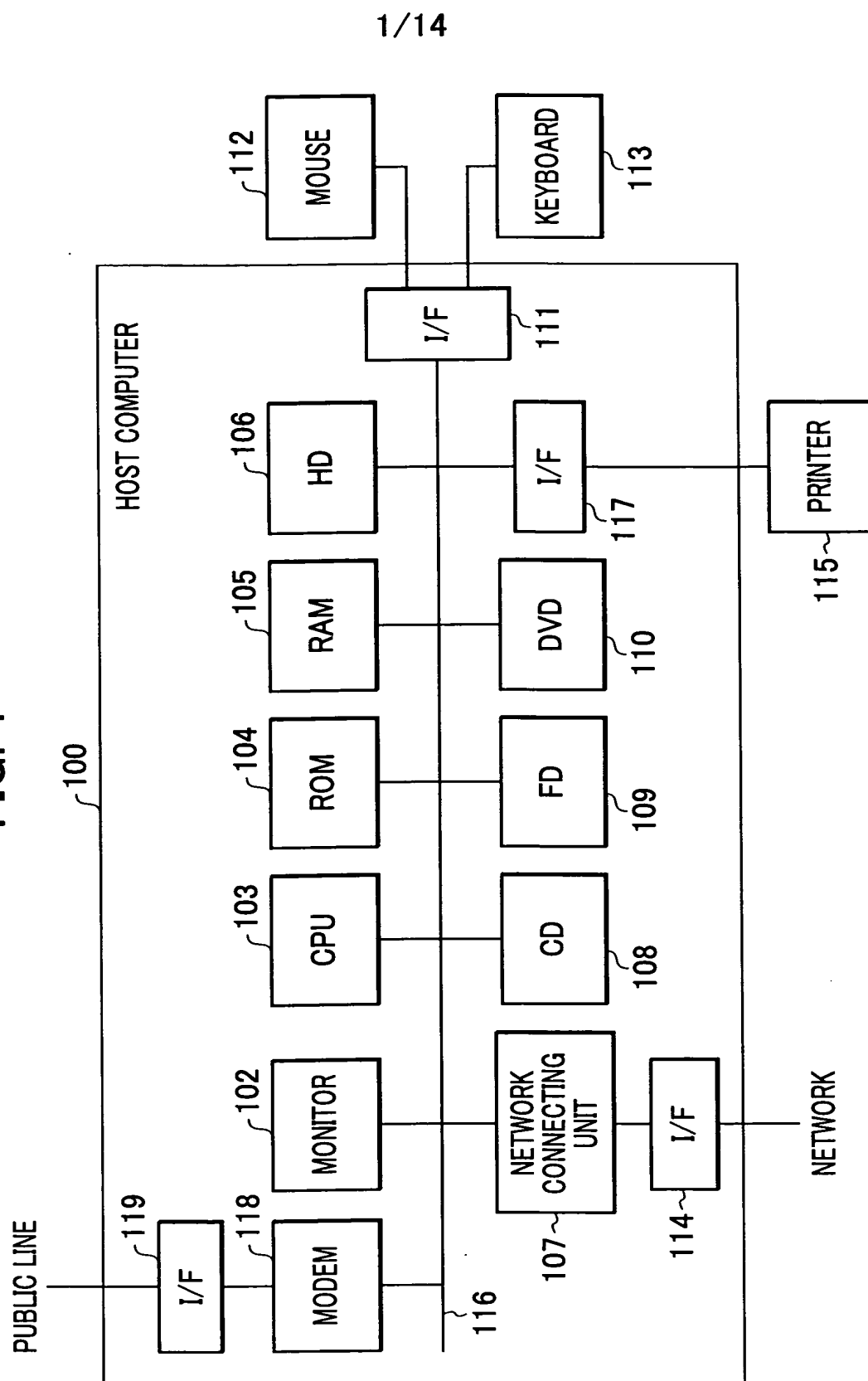


FIG. 2

	PROCESS 2-1	PROCESS 2-2
1		x
1	$(x)^2 = x^2$	$x^2 \cdot x = x^3$
0	$(x^3)^2 = x^6$	x^6
1	$(x^6)^2 = x^{12}$	$x^{12} \cdot x = x^{13}$
1	$(x^{13})^2 = x^{26}$	$x^{26} \cdot x = x^{27}$
1	$(x^{27})^2 = x^{54}$	$x^{54} \cdot x = x^{55}$

FIG. 3

	PROCESS 2-1	PROCESS 2-2
11		x^3
01	$(x^3)^4 = x^{12}$	$x^{12} \cdot x = x^{13}$
11	$(x^{13})^4 = x^{52}$	$x^{52} \cdot x^3 = x^{55}$

FIG. 4

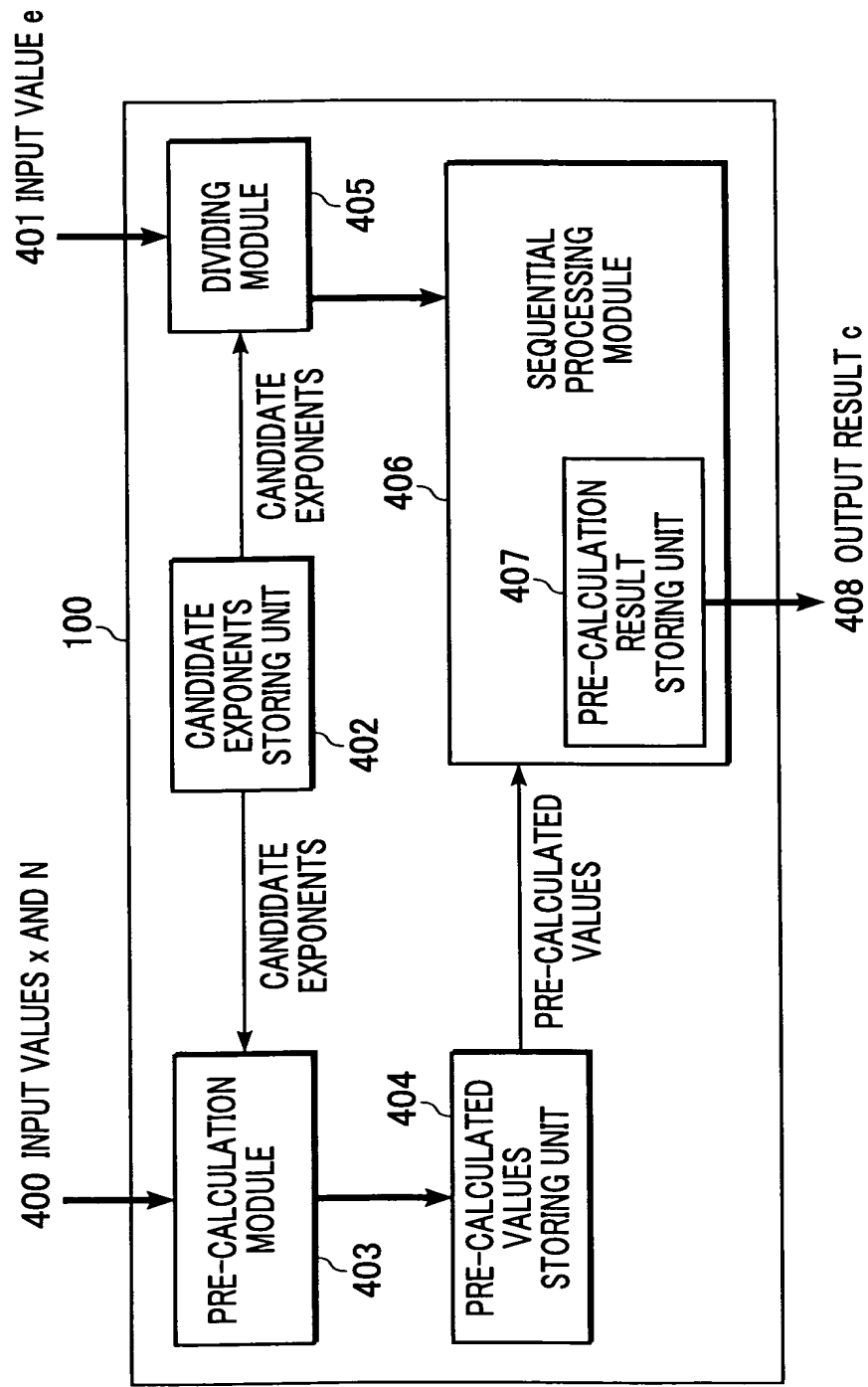


FIG. 5

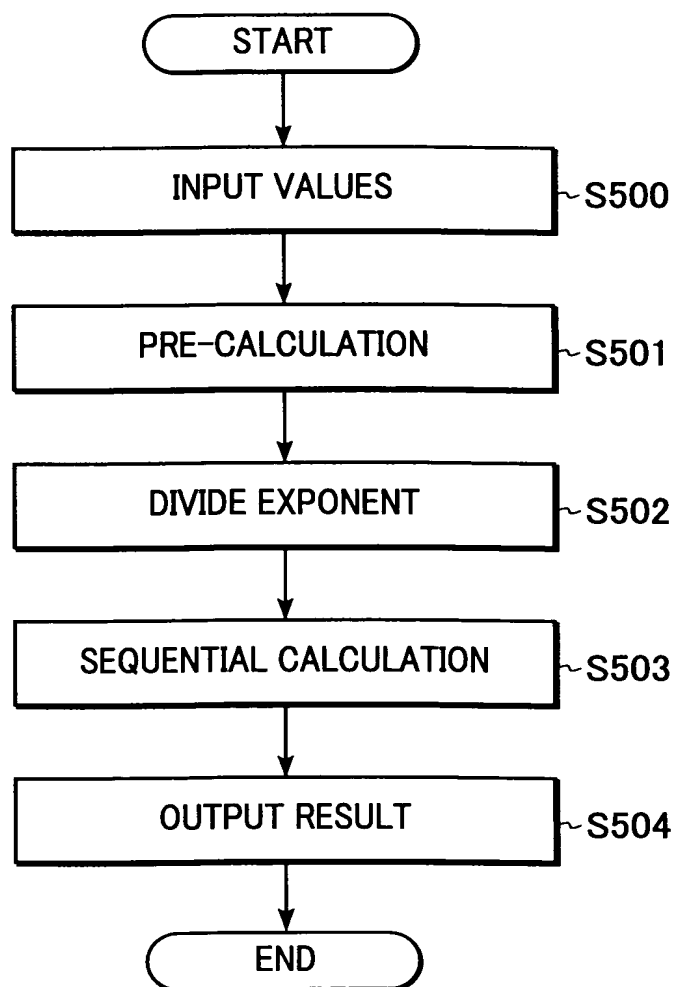


FIG. 6

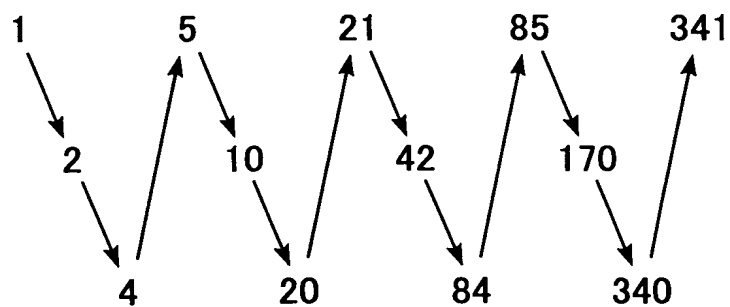


FIG. 7

$e = 1101101110001010001$

$\underbrace{1}_{f_0} \underbrace{101}_{f_1} \underbrace{101} \underbrace{11} \underbrace{000} \underbrace{101} \underbrace{000} \underbrace{1}$
 $f_0 \quad f_1 \dots$

FIG. 8

	STEP S503 PROCESS 1	PROCESS 2
1		x^1
101	$(x^1)^8 = x^8$	$x^8 \cdot x^5 = x^{13}$
101	$(x^{13})^8 = x^{104}$	$x^{104} \cdot x^5 = x^{109}$
1	$(x^{109})^2 = x^{218}$	$x^{218} \cdot x^1 = x^{219}$
1	$(x^{219})^2 = x^{438}$	$x^{438} \cdot x^1 = x^{439}$
0	$(x^{439})^2 = x^{878}$	$= x^{878}$

FIG. 9

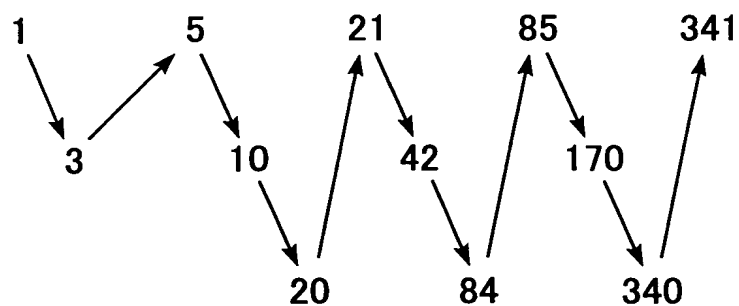


FIG. 10

e=1101101110001010001

1 101 101 11 000 101 000 1

FIG. 11

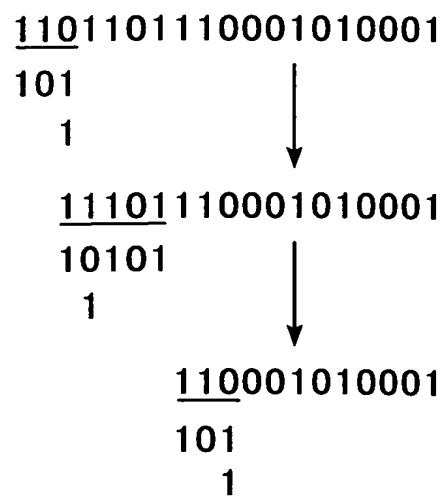


FIG. 12

		f _i , b _i	f _(i+1) , b _(i+1)	sht
100		1, 1	–	2
101		101, 3	–	0
110	0	11, 2	–	2
	1	1, 1	101, 3	0
111	0	101, 1	1, 1	2
	1	101, 1	101, 3	0

FIG. 13

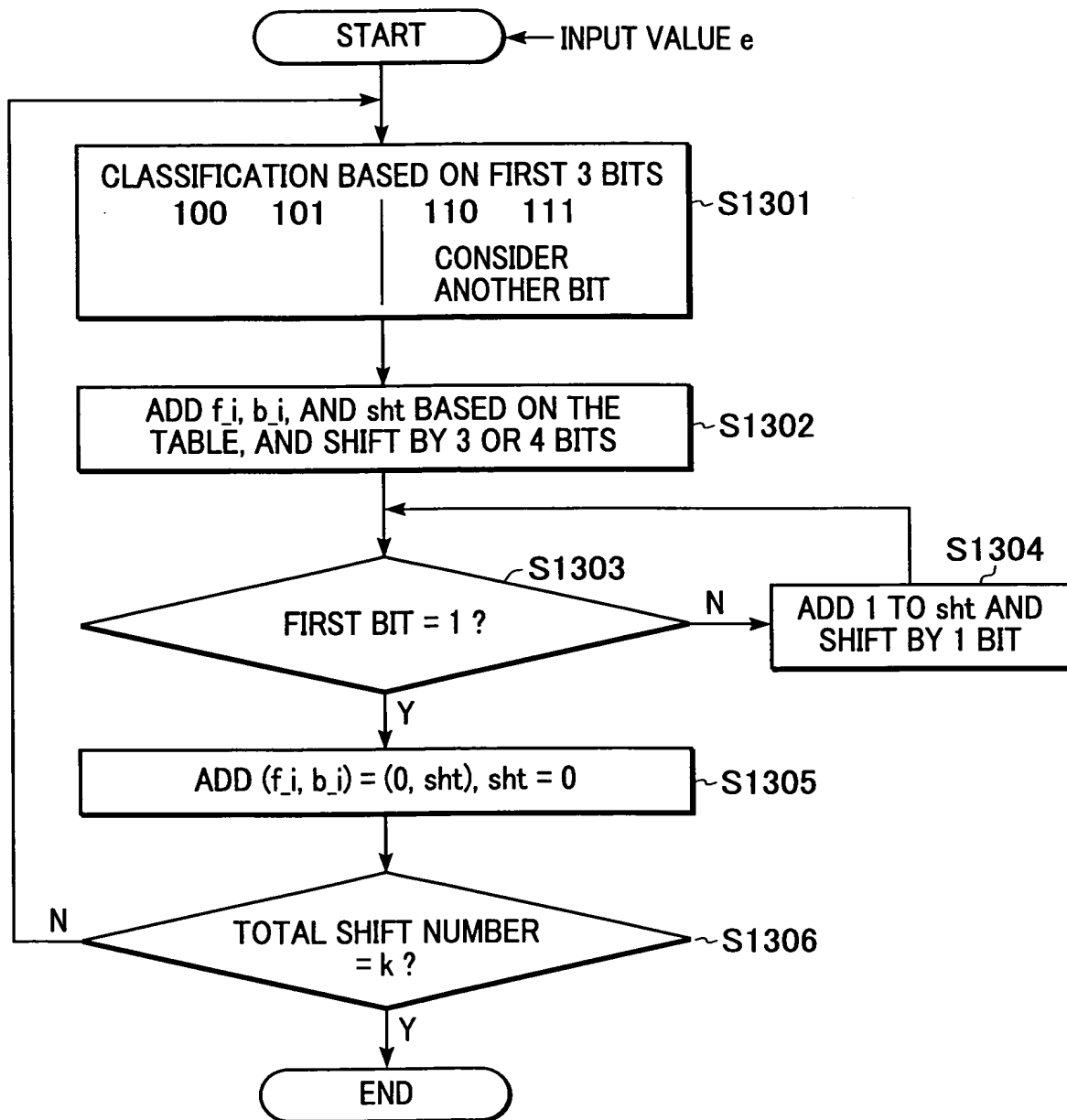


FIG. 14

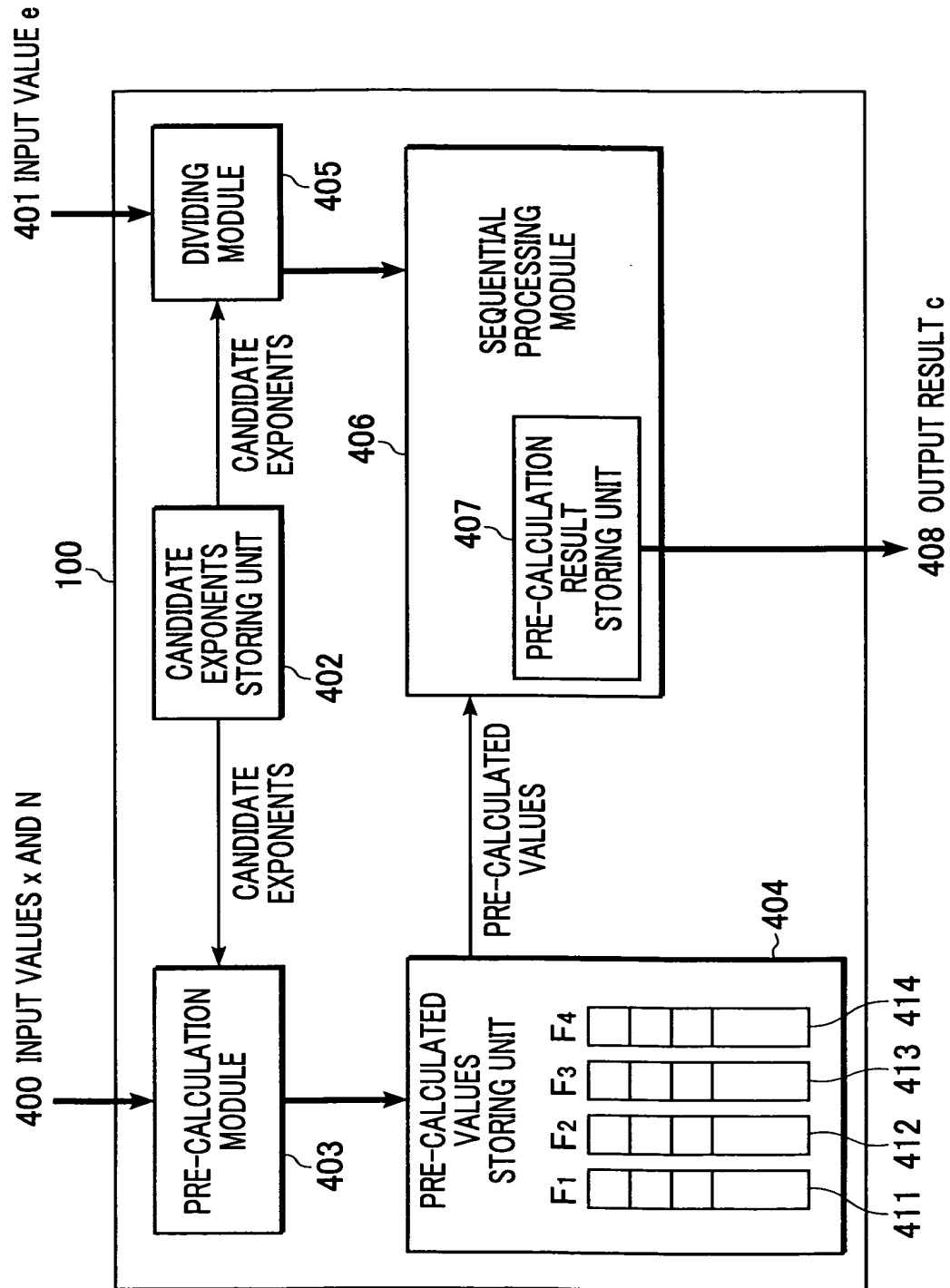


FIG. 15

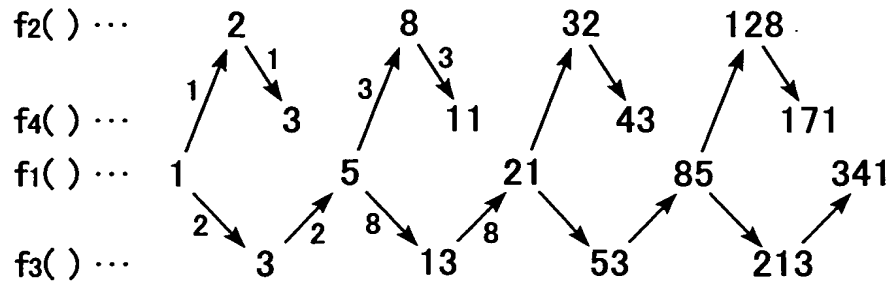


FIG. 16

$e = 1101101111001010001$

$\underline{1101} \quad \underline{1011} \quad \underline{11} \quad \underline{00} \quad \underline{101} \quad \underline{000} \quad \underline{1}$
 $f_0 \quad f_1 \dots$

FIG. 17

	STEP S503 PROCESS 1	PROCESS 2
1101		x^{13}
1011	$(x^{13})^{16} = x^{208}$	$x^{208} \cdot x^{11} = x^{219}$
11	$(x^{219})^4 = x^{876}$	$x^{876} \cdot x^3 = x^{879}$
0	$(x^{879})^2 = x^{1758}$	$= x^{1758}$
0	$(x^{1758})^2 = x^{3516}$	$= x^{3516}$
101	$(x^{3516})^8 = x^{28128}$	$x^{28128} \cdot x^5 = x^{28133}$
...

FIG. 18

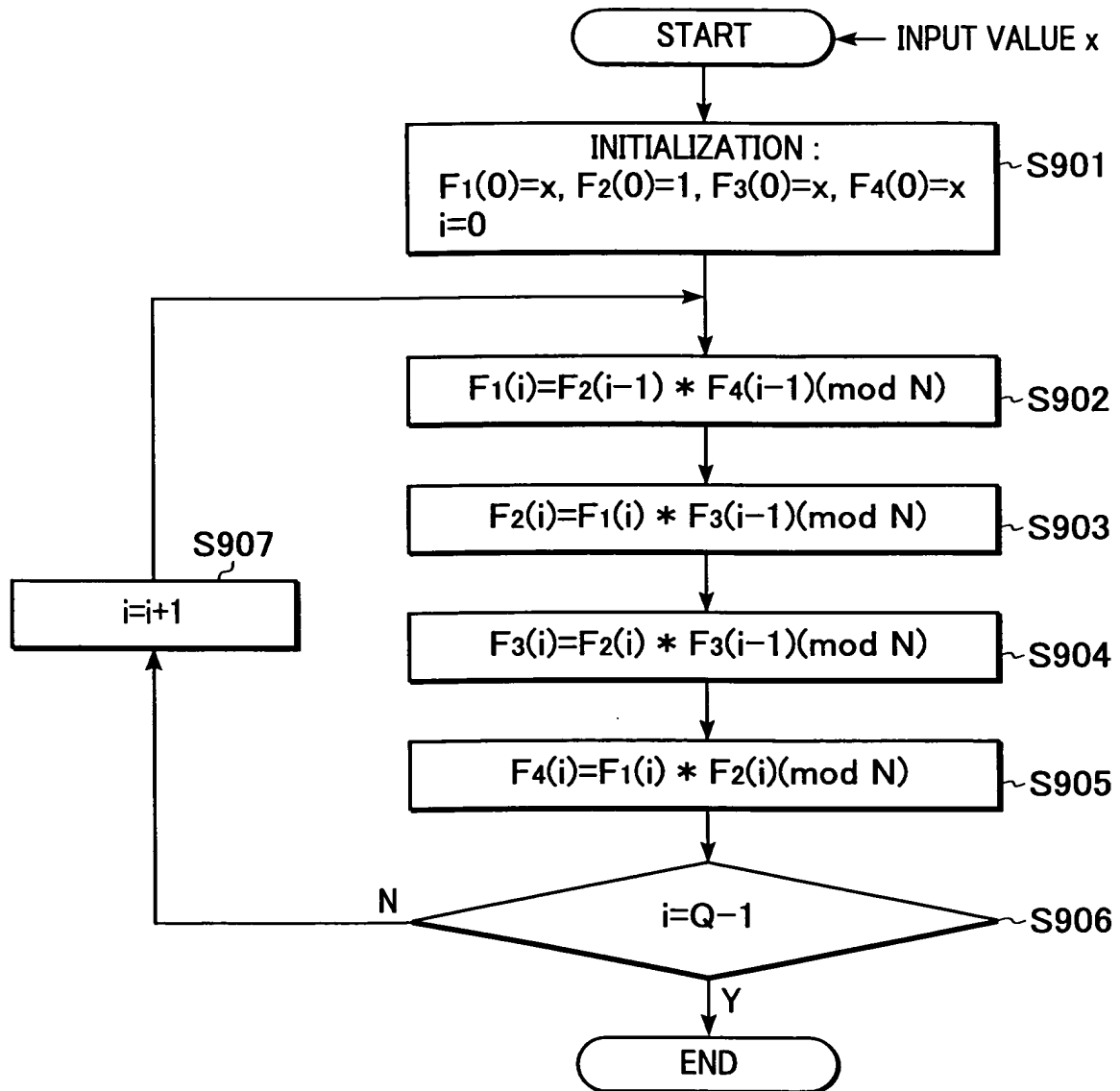


FIG. 19

